

AMENDMENTS TO THE CLAIMS

Claim 1 (Previously presented): An isolated nucleic acid molecule comprising a labeled polynucleotide sequence that hybridizes under stringent conditions to a sequence or to a complement of a sequence selected from the group consisting of SEQ. ID. No. 2, SEQ. ID. No.3, SEQ. ID. No.4, SEQ. ID. No.5, SEQ. ID. No.6, SEQ. ID. No.7, SEQ. ID. No.8, SEQ. ID. No.9, and SEQ. ID. No.10, wherein said stringent conditions comprise a 0.02 molar salt concentration and a temperature of at least 60°C.

Claims 2-5 (Canceled).

Claim 6 (Previously presented): The isolated nucleic acid of claim 1, wherein said polynucleotide sequence hybridizes under said stringent conditions to a complement of SEQ. ID. No. 4.

Claim 7 (Previously presented): The isolated nucleic acid of claim 6, wherein said polynucleotide sequence is SEQ. ID. No. 4.

Claim 8 (Previously presented): The isolated nucleic acid of claim 1, wherein said polynucleotide sequence hybridizes under said stringent conditions to a complement of SEQ. ID. No. 5.

Claim 9 (Previously presented): The isolated nucleic acid of claim 8, wherein said polynucleotide sequence is SEQ. ID. No. 5.

Claim 10 (Previously presented): The isolated nucleic acid of claim 1, wherein said polynucleotide sequence hybridizes under said stringent conditions to a complement of SEQ. ID. No. 6.

Claim 11 (Previously presented): The isolated nucleic acid of claim 10, wherein said polynucleotide sequence is SEQ. ID. No. 6.

Claim 12 (Previously presented): The isolated nucleic acid of claim 1, wherein said polynucleotide sequence hybridizes under said stringent conditions to a complement of SEQ. ID. No. 7.

Claim 13 (Previously presented): The isolated nucleic acid of claim 12, wherein said polynucleotide sequence is SEQ. ID. No. 7.

Claim 14 (Previously presented): The isolated nucleic acid of claim 1, wherein said polynucleotide sequence hybridizes under said stringent conditions to a complement of SEQ. ID. No. 8.

Claim 15 (Previously presented): The isolated nucleic acid of claim 14, wherein said polynucleotide sequence is SEQ. ID. No. 8.

Claim 16 (Previously presented): The isolated nucleic acid of claim 1, wherein said polynucleotide sequence hybridizes under said stringent conditions to a complement of SEQ. ID. No. 9.

Claim 17 (Previously presented): The isolated nucleic acid of claim 16, wherein said polynucleotide sequence is SEQ. ID. No. 9.

Claim 18 (Previously presented): The isolated nucleic acid of claim 45, wherein said polynucleotide sequence hybridizes under said stringent conditions to a complement of SEQ. ID. No. 10.

Claim 19 (Previously presented): The isolated nucleic acid of claim 18, wherein said polynucleotide sequence is SEQ. ID. No. 10.

Claims 20-22 (Canceled).

Claim 23 (Previously presented): The isolated nucleic acid of claim 1, which is a cDNA molecule.

Claims 24-44 (Canceled).

Claim 45 (Previously presented): The isolated nucleic acid of claim 1, wherein said nucleic acid has a length greater than about 50 nucleotides.

Claim 46 (Previously presented): The isolated nucleic acid of claim 1, wherein said nucleic acid is a DNA molecule.

Claim 47 (Previously presented): An isolated nucleic acid molecule comprising a promoter operably linked to a polynucleotide sequence selected from the group consisting of SEQ. ID. No. 2,

SEQ. ID. No.3, SEQ. ID. No.4, SEQ. ID. No.5, SEQ. ID. No.6, SEQ. ID. No.7, SEQ. ID. No.8, SEQ. ID. No.9, SEQ. ID. No.10, and SEQ. ID. No. 12.

Claim 48 (Previously presented): The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 2.

Claim 49 (Previously presented): The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 3.

Claim 50 (Previously presented): The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 4.

Claim 51 (Previously presented): The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 5.

Claim 52 (Previously presented): The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 6.

Claim 53 (Previously presented): The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 7.

Claim 54 (Previously presented): The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 8

Claim 55 (Previously presented): The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 9.

Claim 56 (Previously presented): The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 10.

Claim 57 (Previously presented): The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 12.

Claim 58 (Currently Amended): An isolated nucleic acid molecule comprising a polynucleotide sequence that hybridizes under stringent conditions and forms a stable hybridization complex to a sequence or to a complement of a sequence selected from the group consisting of SEQ. ID. NO. 2, SEQ. ID. NO.3, and SEQ ID NO: 12, wherein said stringent conditions comprise a 0.02 molar salt concentration and a temperature of at least 60°C.

Claim 59 (Previously presented): The isolated nucleic acid of claim 58, wherein said polynucleotide sequence hybridizes under said stringent conditions to a complement of SEQ. ID. No. 2.

Claim 60 (Previously presented): The isolated nucleic acid of claim 58, wherein said polynucleotide sequence hybridizes under said stringent conditions to a complement of SEQ. ID. No. 3.

Claim 61 (Previously presented): The isolated nucleic acid of claim 58, wherein said polynucleotide sequence hybridizes under said stringent conditions to a complement of SEQ. ID. No. 12.

Claim 62 (Previously presented): The isolated nucleic acid of claim 61, wherein said polynucleotide sequence is SEQ. ID. No. 12.

Claim 63 (Previously presented): The isolated nucleic acid of claim 58, wherein said nucleic acid is labeled.

Claim 64 (Previously presented): An isolated nucleic acid molecule comprising a polynucleotide sequence selected from the group consisting of SEQ ID No. 9, SEQ ID No. 10, and SEQ ID No. 12

Claim 65 (Previously presented): The isolated nucleic acid of claim 64, wherein the sequence is SEQ ID NO. 9.

Claim 66 (Previously presented): The isolated nucleic acid of claim 64, wherein the sequence is SEQ ID NO. 10.

Claim 67 (Previously presented): The isolated nucleic acid of claim 64, wherein the sequence is SEQ ID NO. 12.

Claim 68 (Previously presented): The isolated nucleic acid of claim 1, wherein the labeled polynucleotide sequence comprises a radioactive label, a fluorescent label, an electron-dense reagent, a colorimetric label, or a magnetic label.

Claim 69 (Previously presented): The isolated nucleic acid of claim 1, wherein the labeled polynucleotide sequence comprises a biotin moiety, a dioxigenin moiety, a hapten for labeled antisera or a monoclonal antibody, or an antigenic protein for labeled antisera or a monoclonal antibody.